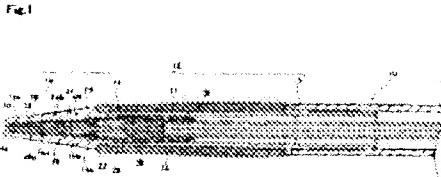


Mechanical pencil**Publication number:** TW534001 (Y)**Publication date:** 2003-05-21**Inventor(s):** KAGEYAMA HIDEHEI [JP]; NOGUCHI YOSHIO [JP] +**Applicant(s):** KOTOBUKI & CO LTD [JP] +**Classification:****- international:** B43K21/00; B43K21/027; B43K21/22; B43K21/00; (IPC1-7); B43K21/22**- European:** B43K21/22**Application number:** TW20010218691U 20011101**Priority number(s):** JP20010245537 20010813**Also published as:** EP1285780 (A2) EP1285780 (A3) US2003031498 (A1) US6547466 (B2) JP2003054184 (A)[more >>](#)

Abstract not available for TW 534001 (Y)

Abstract of corresponding document: **EP 1285780 (A2)**

A mechanical pencil (10), includes an external cylinder (12), a lead delivery mechanism (20) disposed in the external cylinder, the lead delivery mechanism having a lead-fastening chuck (22) which fastens a lead and moves back and forth in the external cylinder to deliver the lead (40) toward a front end of the external cylinder, a lead holder disposed before the lead delivery mechanism in the external cylinder to gently hold a lead (40), and a guide member arranged between the lead-fastening chuck and the lead holder in the external cylinder and always urged backwardly toward the lead-fastening chuck to protect a lead portion between the lead-fastening chuck and a lead holding portion of the lead holder.

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